

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in this application:

LISTING OF CLAIMS:

Claims 1 to 26. (Canceled).

27. (Currently Amended) A system for transporting produce, comprising:
a container adapted to hold the produce; and
a heat exchanger associated with the container, the heat exchanger comprising:

a housing adapted to enclose a coil assembly, the coil assembly tilted in an interior of the housing, the coil assembly partially defining in the housing on opposite sides of the coil assembly a first airflow plenum and a second airflow plenum; and

at least one air mover situated adjacent to the housing, the at least one air mover configured to draw airflow through the second airflow plenum in a first generally horizontal direction, the at least one air mover directing the airflow from the second airflow plenum in a second generally vertical direction substantially perpendicular to the first generally horizontal direction;

wherein:

the heat exchanger further includes another housing configured to enclose another coil assembly, the other coil assembly tilted in another interior of the other housing, the other coil assembly partially defining in the other housing on opposite sides of the other coil assembly a third airflow plenum and a fourth airflow plenum; and

the other housing is situated on an opposite side of the at least one air mover from the housing, the at least one air mover configured to draw airflow through the fourth airflow plenum in a third direction, the at least one air mover directing the airflow from the fourth airflow plenum in the second generally vertical direction.

28. (Previously Presented) A system for transporting produce, comprising:
a container adapted to hold the produce; and

a heat exchanger associated with the container, the heat exchanger including:

a housing adapted to enclose a coil assembly, the coil assembly tilted in an interior of the housing, the coil assembly partially defining in the housing on opposite sides of the coil assembly a first airflow plenum and a second airflow plenum;

at least one air mover situated adjacent to the housing, the at least one air mover configured to draw airflow through the second airflow plenum in a first direction, the at least one air mover directing the airflow from the second airflow plenum in a second direction substantially perpendicular to the first direction;

another housing adapted to enclose another coil assembly, the other coil assembly tilted in another interior of the other housing, the other coil assembly partially defining in the other housing on opposite sides of the other coil assembly a third airflow plenum and a fourth airflow plenum; and

the other housing is situated on an opposite side of the at least one air mover from the housing, the at least one air mover configured to draw airflow through the fourth airflow plenum in a third direction, the at least one air mover directing the airflow from the fourth airflow plenum in the second direction substantially perpendicular to the third direction.

29. (Previously Presented) The system of claim 27, further comprising at least one further heat exchanger associated with the container.

30. (Previously Presented) The system of claim 27, wherein the heat exchanger is situated in an interior of the container on a top side of the container.

31. (Previously Presented) The system of claim 27, wherein the container comprises a marine container.

32. (Previously Presented) The system of claim 27, wherein the container is configured to transport fresh produce.

33. (Previously Presented) The system of claim 27, wherein the system is configured to control ripening of fresh produce.

34. (Previously Presented) The system of claim 27, wherein the heat exchanger of the container is configured to produce at least one of cool air, warm air, and dry air.

35. (Previously Presented) The system of claim 27, wherein the coil assembly is oriented within the housing in an angular manner relative to the first generally horizontal direction.

36. (Previously Presented) The system of claim 27, wherein the housing includes a top, a bottom, two sides, and two ends, one of the ends at least partially defining an inlet and the other of the ends at least partially defining an outlet.

Claim 37. (Canceled).

38. (Previously Presented) The system of claim 36, wherein the inlet communicates with the first airflow plenum and the second airflow plenum communicates with the outlet.

39. (Previously Presented) The system of claim 36, wherein a cross-sectional area of the first airflow plenum diminishes as the air flow is distributed from the inlet and the cross-sectional area of the second airflow plenum increases as the airflow is distributed over the coil assembly toward the outlet.

Claims 40 to 48. (Canceled).

49. (New) The system of claim 28, further comprising at least one further heat exchanger associated with the container.

50. (New) The system of claim 28, wherein the heat exchanger is situated in an interior of the container on a top side of the container.

51. (New) The system of claim 28, wherein the container comprises a marine container.

52. (New) The system of claim 28, wherein the container is configured to transport fresh produce.

53. (New) The system of claim 28, wherein the system is configured to control ripening of fresh produce.

54. (New) The system of claim 28, wherein the heat exchanger of the container is configured to produce at least one of cool air, warm air, and dry air.

55. (New) The system of claim 28, wherein each coil assembly is oriented within the respective housing in an angular manner relative to the first direction.

56. (New) The system of claim 28, wherein each housing includes a top, a bottom, two sides, and two ends, one of the ends at least partially defining an inlet and the other of the ends at least partially defining an outlet.

57. (New) The system of claim 56, wherein the inlet of the housing communicates with the first airflow plenum and the second airflow plenum communicates with the outlet of the housing, and the inlet of the other housing communicates with the third airflow plenum and the fourth airflow plenum communicates with the outlet of the other housing.

58. (New) The system of claim 56, wherein a cross-sectional area of each of the first airflow plenum and the third airflow plenum diminishes as the air flow is distributed from the respective inlet and the cross-sectional area of each of the second airflow plenum and the fourth airflow plenum increases as the airflow is distributed over the respective coil assembly toward the respective outlet.